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U. S. Department of Agriculture

DESCRIPTIVE  
Reference Manual  
of  
CANTALoupES

(No. 6)



by the Plant Breeding Department of

**LAWRENCE ROBINSON & SONS**

MAIN OFFICES MODESTO, CALIFORNIA, U.S.A.



# *Cantaloupe*

## *Eucumis Melo*

**O**n his second voyage to the New World in 1494 Columbus noted melons 'already grown, fit to eat, tho' it was not above two months since the seed was put into the ground.'

No description of type was written, but apparently it was flavorful, for their spreading into other parts of America was rapid, indeed. Near the present city of Montreal, Cartier noted their consumption in 1535. Note of their existence in Virginia was made in 1609, and reports tell of the Indians cultivating them near Philadelphia before 1748.

Since those early reports, the use of Cantaloupes has become widespread in every area of the world permitting of their cultivation. If a popularity poll were taken of today's vegetables and fruits, we would wager that the Cantaloupe would find its place very near, if not at the top.

Today's Cantaloupe variety list differs substantially with that of only two decades ago. Considerable work has brought about not only varietal improvement, but genetic resistance to such enemies as Fusarium Wilt, Downy Mildew, Powdery Mildew and Aphids in many strains. This work should, and we believe will, proceed in the years ahead.

You will notice that we are using entirely the term CANTALOUPE, to describe the species. In recent years, popular usage has dictated this move in preference to the older and equally correct term MUSKMELON.

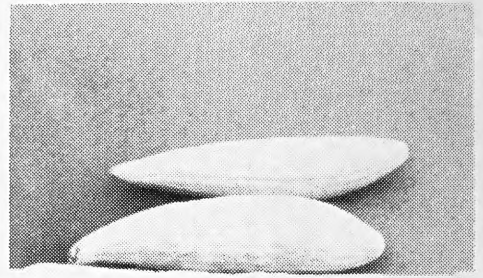
We realize that all our descriptions may not entirely agree with the opinions of others. It should be borne in mind that different strains will vary to some degree and also that varying climatic and cultural conditions will affect performance. The data presented are the result of composite notes taken at our Modesto and Gridley, California, breeding and trial grounds.

It is with pleasure, then, that we submit to our loyal friends and customers among seedsmen everywhere, this descriptive booklet of the CANTALOUPE.

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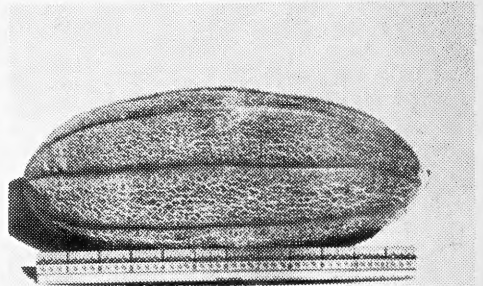
**BANANA:** Novelty home garden and local market variety. Resembling a large banana, its creamy-yellow skin is smooth and very attractive. Salmon-pink flesh is thick and of fair quality.

Normal days to maturity..... 96  
Normal length/diameter..... 16 X 4 in.  
Normal weight in pounds..... 5½  
Resistance..... None



**BAY VIEW:** Novelty home garden variety, unusual for its length and weight. The netting is rough and heavy between distinct greenish-yellow ribs. Green flesh is coarse and of fair quality only.

Normal days to maturity..... 94  
Normal length/diameter..... 11 X 6 in.  
Normal weight in pounds..... 7  
Resistance..... None



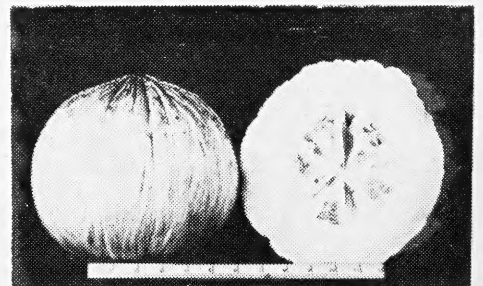
**BENDER'S SURPRISE (Seneca):** A choice quality home garden and short distance shipping variety; bright, thick salmon-pink flesh, with a hard, ribbed rind that changes from green to light yellow at maturity.

Normal days to maturity..... 91  
Normal length/diameter..... 8 X 6½ in.  
Normal weight in pounds..... 7  
Resistance..... None



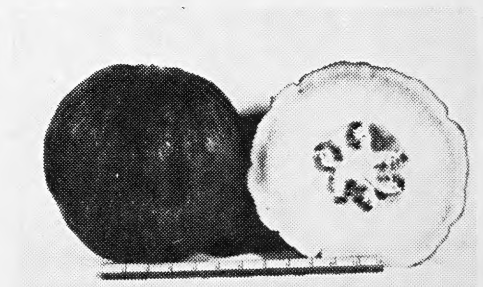
**CASABA, GOLDEN BEAUTY:** Home, market garden and short distance shipper for irrigation areas with no rain. Flesh thick, white and deliciously spicy. Rind wrinkled, tough, golden. Will keep months if stored properly.

Normal days to maturity..... 110  
Normal length/diameter..... 8 X 7 in.  
Normal weight in pounds..... 6  
Resistance..... None



**CASABA, GOLDEN HYBRID:** Differs from Golden Beauty mainly in its unusual brilliant golden rind color at maturity. This is another fine quality melon particularly adapted to irrigation areas with no rain.

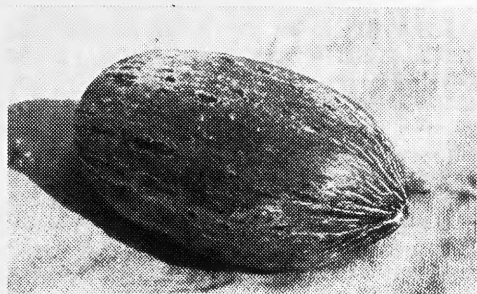
Normal days to maturity..... 112  
Normal length/diameter..... 8½ X 7½ in.  
Normal weight in pounds..... 6½  
Resistance..... None



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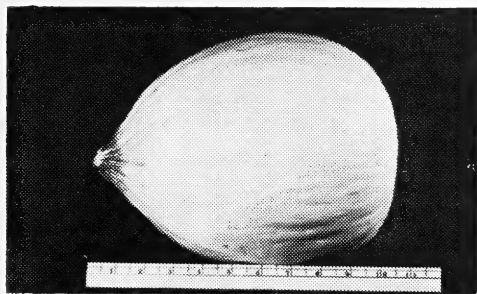
COLORADO AND CALIFORNIA GROWN CANTALOUPE SEEDS





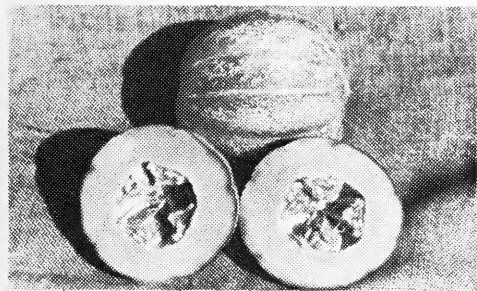
**CASABA, SANTA CLAUS:** Unusually elongated Casaba with smooth skin and pointed stem end. Gold and dark green mottled rind. It has about the same production and marketing qualities as the other Casabas.

Normal days to maturity..... 110  
Normal length/diameter..... 12 X 6½ in.  
Normal weight in pounds..... 9  
Resistance..... None



**CRANSHAW:** One of the finest of the arid-area melons. Thick buff-pink flesh of tasty quality. Thin slightly ridged rind mottled green and yellow. Requires special care in shipping. Attractive.

Normal days to maturity..... 106  
Normal length/diameter..... 8½ X 6½ in.  
Normal weight in pounds..... 7  
Resistance..... None



**DELICIOUS 51:** A Cornell University release and a fine new home garden and local market melon. Thick, orange-salmon, and firm flesh of fine quality. Hard, ribbed rind is covered with a sparse net.

Normal days to maturity..... 83  
Normal length/diameter..... 7 X 6 in.  
Normal weight in pounds..... 5  
Resistance..... fusarium wilt



**EMERALD GEM:** Very early, delicious home garden type, must be eaten soon after picking. Beautiful, tasty, salmon-orange, thick flesh. The smooth, ribbed skin becomes yellow-green upon maturity.

Normal days to maturity..... 85  
Normal length/diameter..... 4¾ X 5 in.  
Normal weight in pounds..... 2¾  
Resistance..... None

### SOIL

The ideal soil for cantaloupes is sandy or sandy loam, with a high organic content and neutral or slightly alkaline nature. Heavier soils are also satisfactory. Unfavorable types include muck, peat, heavy clay, and lands with high acid or alkaline content. Freedom from nematodes and fungus parasites is also essential. These faults may cause crop failure or one that is unsalable. Sandier soils permit earlier planting. And remember that Cantaloupes produce in direct proportion to soil fertility.



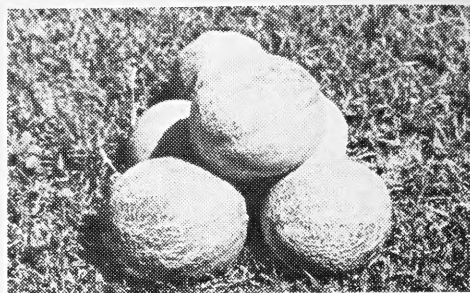
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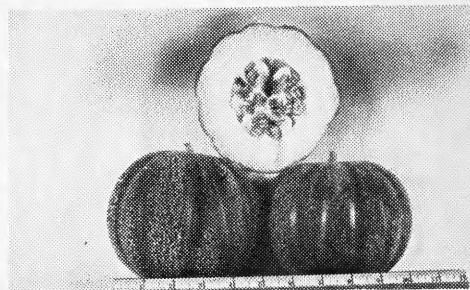
**FAR NORTH:** Very early, adapted to short-season areas. A home garden variety - will not keep or ship. Pale green to cream rind develops orange splotches at maturity. It has fair quality, orange flesh.

Normal days to maturity..... 65  
Normal length/diameter..... 4 X 4 in.  
Normal weight in pounds..... 1½  
Resistance..... None



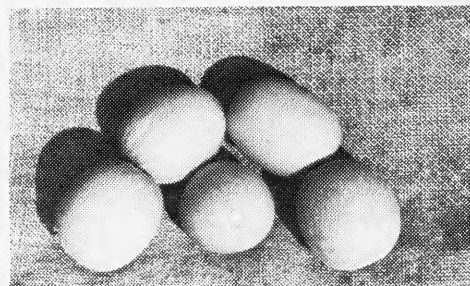
**FORDHOOK, LARGE EARLY:** One of the best home garden varieties; pink-orange flesh is soft, tasty and 'melts in the mouth'. Buff-mottled green rind, flat, ribbed, net medium, sutures smooth. Will not keep.

Normal days to maturity..... 88  
Normal length/diameter..... 4 X 5 in.  
Normal weight in pounds..... 3  
Resistance..... None



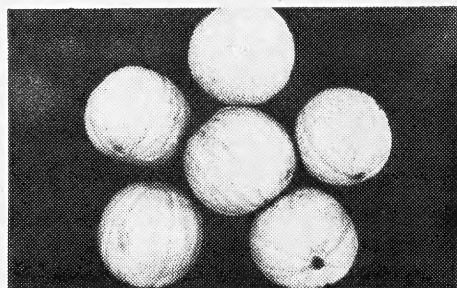
**GARDEN LEMON (VINE PEACH):** A novelty home garden variety used for pickling and preserving. Fruits small, spicy sweet and tremendously productive. Skin light orange with flecks of brown.

Normal days to maturity..... 85  
Normal length/diameter..... 3¼ X 3 in.  
Normal weight in pounds..... ½ to 1  
Resistance..... None



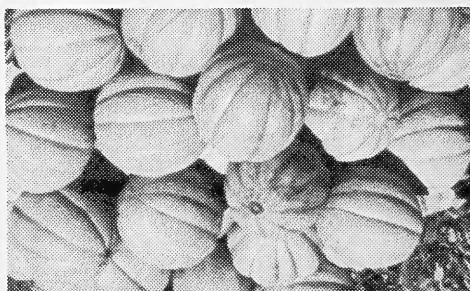
**GEORGIA 47:** Moderately good shipper. Solid thick orange flesh. Medium sparse net on yellow skin. Small flat navel at blossom end. Particularly adapted to the South. Requires heavy fertilizing and irrigation.

Normal days to maturity..... 89  
Normal length/diameter..... 4½ X 4¼ in.  
Normal weight in pounds..... 2  
Resistance...Downy/Powdery Mildew; Aphids.



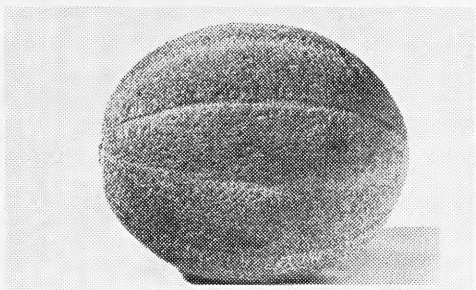
**GOLDEN DELICIOUS:** A home and local market strain. Delicious, thick, bright orange flesh. Hard rind moderately ribbed, coarse net. Creamy-green at maturity. Particularly adapted to Northeastern USA.

Normal days to maturity..... 83  
Normal length/diameter..... 6¼ X 6½ in.  
Normal weight in pounds..... 5  
Resistance..... None



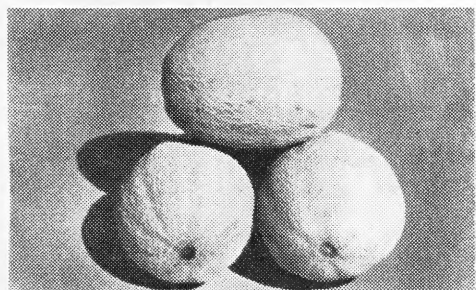
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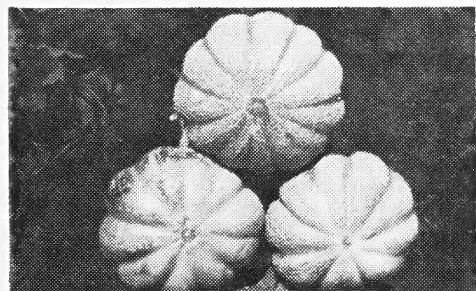
**GOLDEN DELIGHT:** Newer home and local market melon with tasty thick, salmon-colored flesh of outstanding quality. Hard, ribbed rind is covered with attractive grey-green net. A nice appearing, quality melon.

Normal days to maturity..... 88  
Normal length/diameter..... 7 X 6½ in.  
Normal weight in pounds..... 6  
Resistance..... None



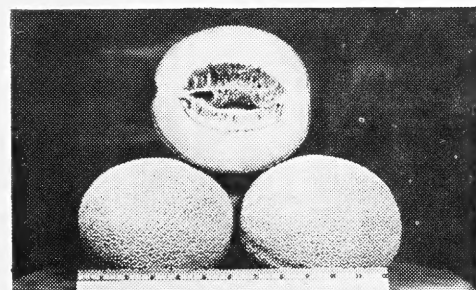
**GRANITE STATE:** An early melon for short season districts. Pale to medium orange flesh of good texture and sweetness. Net medium to sparse, shallow sutures. Home garden type - not a keeper.

Normal days to maturity..... 78  
Normal length/diameter..... 4½ X 4 in.  
Normal weight in pounds..... 2  
Resistance..... None



**HACKENSACK, LARGE EARLY:** A nice home garden and local market melon with thick green flesh, sweet, spicy and of delicate flavor. Its yellow-green rind has prominent ribs and abundant, interlaced netting.

Normal days to maturity..... 87  
Normal length/diameter..... 5¼ X 7½ in.  
Normal weight in pounds..... 4 to 5  
Resistance..... None



**HALES BEST, TRIUMPH JUMBO:** This local market and medium distance shipper is the largest Hales Best. Thick, firm, bright-orange flesh of real quality. Slightly ribbed rind and fine net. An attractive melon.

Normal days to maturity..... 86  
Normal length/diameter..... 7½ X 6 in.  
Normal weight in pounds..... 5½  
Resistance..... None



### CLIMATE

A true sun lover, the cantaloupe is very susceptible to frost. Hot caps provide initial protection, but without these the entire season must be free from frost. Low humidity and lots of sun are ideal growth conditions, and they retard development of fungus diseases which destroy the leaves. Plants thus attacked produce culls and inferior development and quality.

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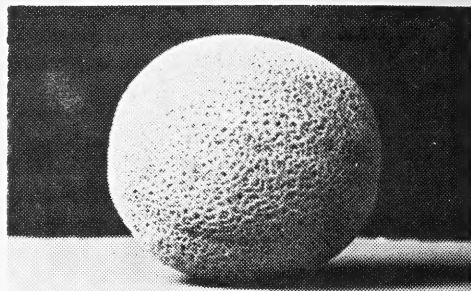
COLORADO AND CALIFORNIA GROWN CANTALOUPE SEEDS





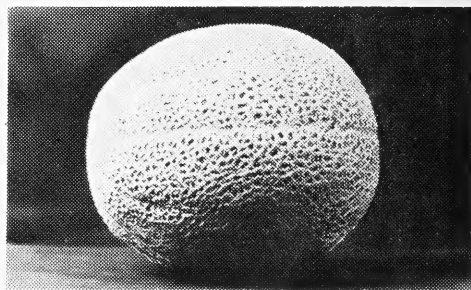
**HALES BEST NO. 36:** Firm, almost round, completely netted; perhaps the most beautiful of all. Thick, solid, bright salmon flesh; excellent texture and flavor. Small seed cavity. Good medium distance shipper.

Normal days to maturity..... 84  
Normal length/diameter..... 6 X 5½ in.  
Normal weight in pounds..... 3½  
Resistance..... None



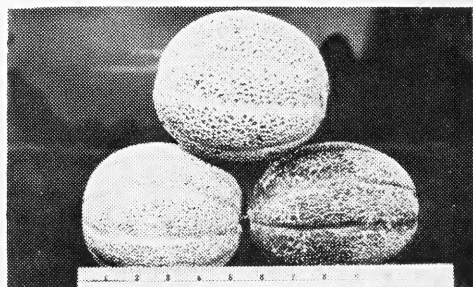
**HALES BEST NO. 936:** Slightly larger version of Hales Best 36; is of equal quality and is a fine home garden, local market and medium distance shipping type. Very uniform, has real sales appeal wherever displayed.

Normal days to maturity..... 87  
Normal length/diameter..... 6½ X 6 in.  
Normal weight in pounds..... 4  
Resistance..... None



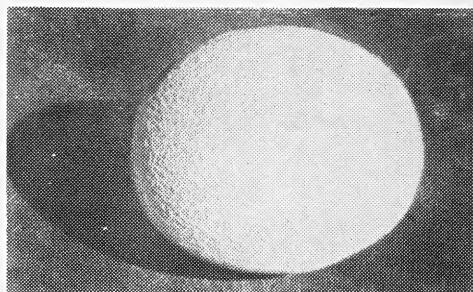
**HEARTS OF GOLD (MORRILL):** Local market and short to medium distance shipper. Aromatic thick, salmon flesh is juicy, firm, spicy. Well netted except in the narrow sutures, its green-grey rind is hard and firm.

Normal days to maturity..... 92  
Normal length/diameter..... 6¼ X 6 in.  
Normal weight in pounds..... 4  
Resistance..... None



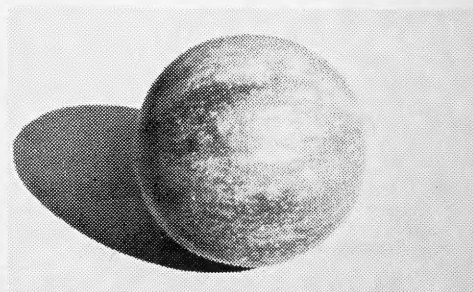
**HONEYBALL:** Shipper; excellent keeper. Fine textured silvery-green flesh is juicy with honey-like flavor. Yellow-white smooth skin has fine net. Arid-area melon; no rain. Similar, but orange-fleshed: **MELOGOLD.**

Normal days to maturity..... 105  
Normal length/diameter..... 5 X 5 in.  
Normal weight in pounds..... 3¼  
Resistance..... None



**HONEY DEW, GOLD RIND:** Not as good a shipper as its creamy-skinned sister, this is a splendid variety, somewhat earlier, and its rind turns to an attractive gold at maturity as the chief difference. Arid-area melon.

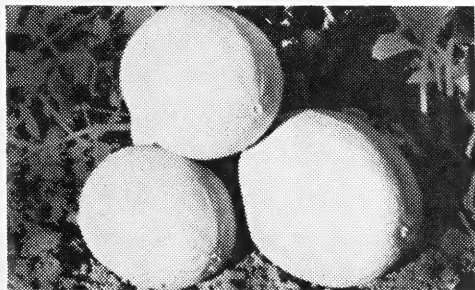
Normal days to maturity..... 100  
Normal length/diameter..... 7 X 7 in.  
Normal weight in pounds..... 5½  
Resistance..... None



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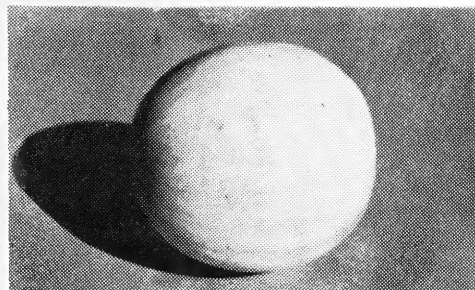
COLORADO AND CALIFORNIA GROWN CANTALOUPE SEEDS





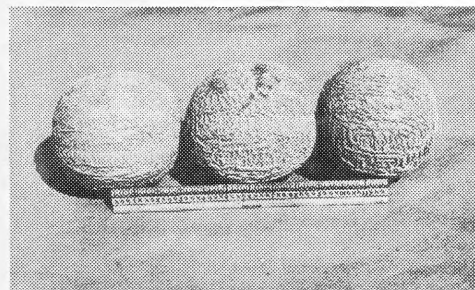
**HONEY DEW, GREEN FLESH:** The standard long distance, green-fleshed shipper, particularly for West Coast production. Thick, green, sweet flesh. Smooth, creamy-white skin, almost no net. Arid-area melon.

Normal days to maturity..... 112  
Normal length/diameter..... 7½ X 7 in.  
Normal weight in pounds..... 6  
Resistance..... None



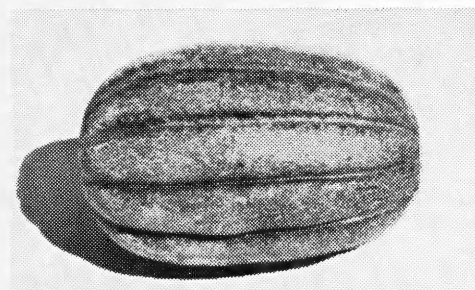
**HONEY DEW, PINK FLESH:** Its thick, juicy but firm and delicious pink-orange flesh distinguishes this tasty shipping variety from the two above. Otherwise similar. Adapted to arid areas with no rain.

Normal days to maturity..... 105  
Normal length/diameter..... 7 X 7 in.  
Normal weight in pounds..... 5½  
Resistance..... None



**HONEY ROCK:** Not a shipper, but a fine home garden and local market melon. Its deep, thick salmon flesh is sweet, juicy and firm, and the tough rind is faintly ribbed, with coarse, sparse net. Pale yellow at maturity.

Normal days to maturity..... 84  
Normal length/diameter..... 5¾ X 5½ in.  
Normal weight in pounds..... 3½  
Resistance..... None



**IMPROVED YELLOW CANTALOUPE:** A novelty variety strictly for the home garden. Very long, prominently ribbed and covered with sparse netting. Yellowish at maturity. Orange-salmon flesh of fair quality only.

Normal days to maturity..... 93  
Normal length/diameter..... 11 X 7 in.  
Normal weight in pounds..... 8  
Resistance..... None

### PLANTING

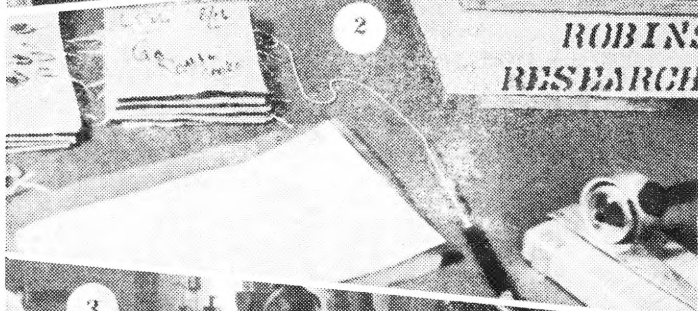
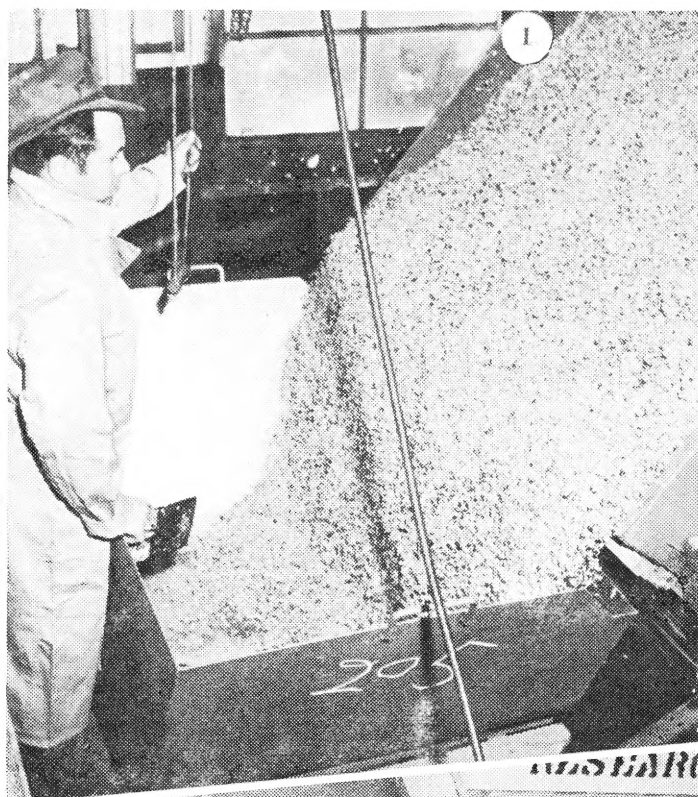


Work soil well when friable; not too wet. Plow cover crops in time for them to decay. Rows should be 5 to 7 feet apart - depending on local conditions, earliness and other factors. Plant from ½ to 1½ inches deep; deeper in sandy soils and when the season is advanced. Planting may be done with hoe, planter or drill. When plants put out first true leaves, thin to 2 to 4 plants per hill, depending on how closely they are planted in the row.

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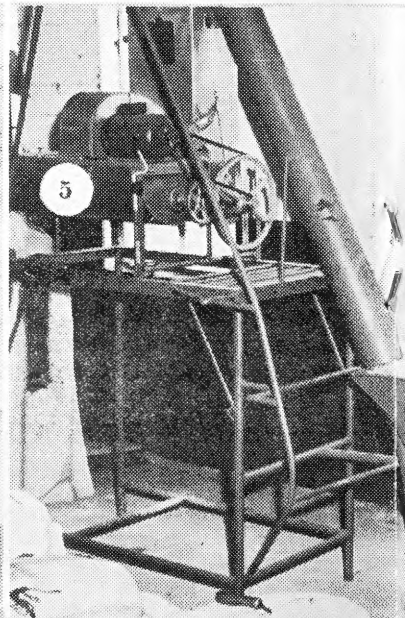
1. 8 hours from time of harvest seed is washed and dehydrated.

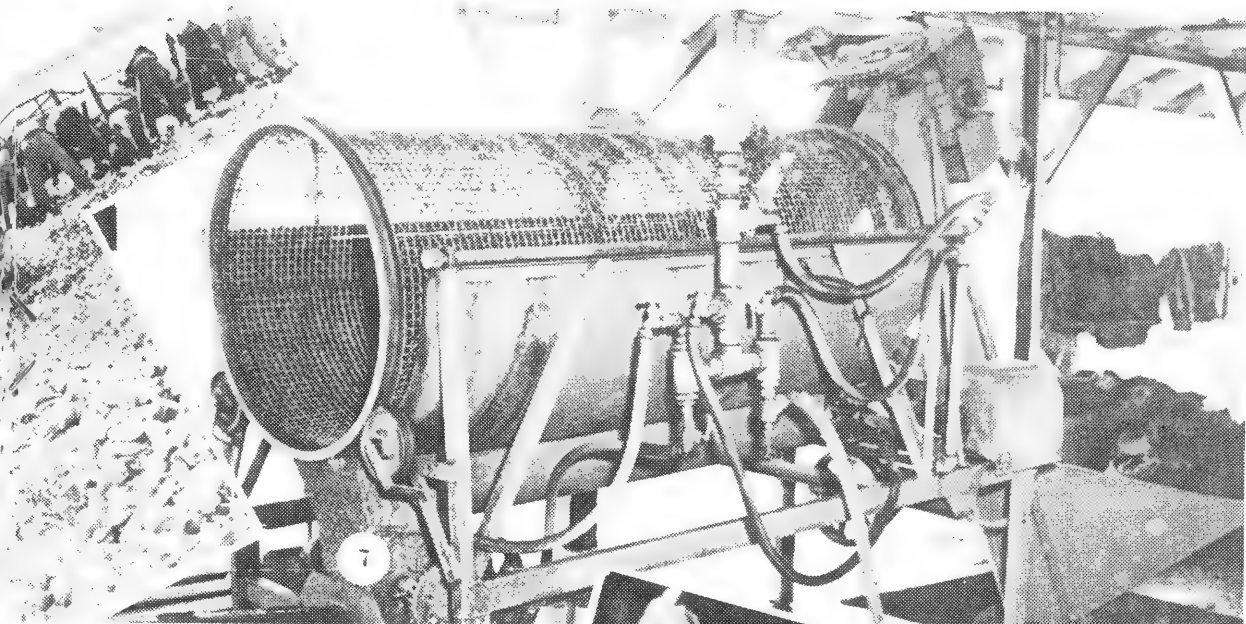
2. Frequent germination tests guard the quality of our seeds.

3. A shipment being started on its way overseas.

4. Seed by the tons coming in from our Gridley productions.

5. Treating seed for protection from disease and insects.





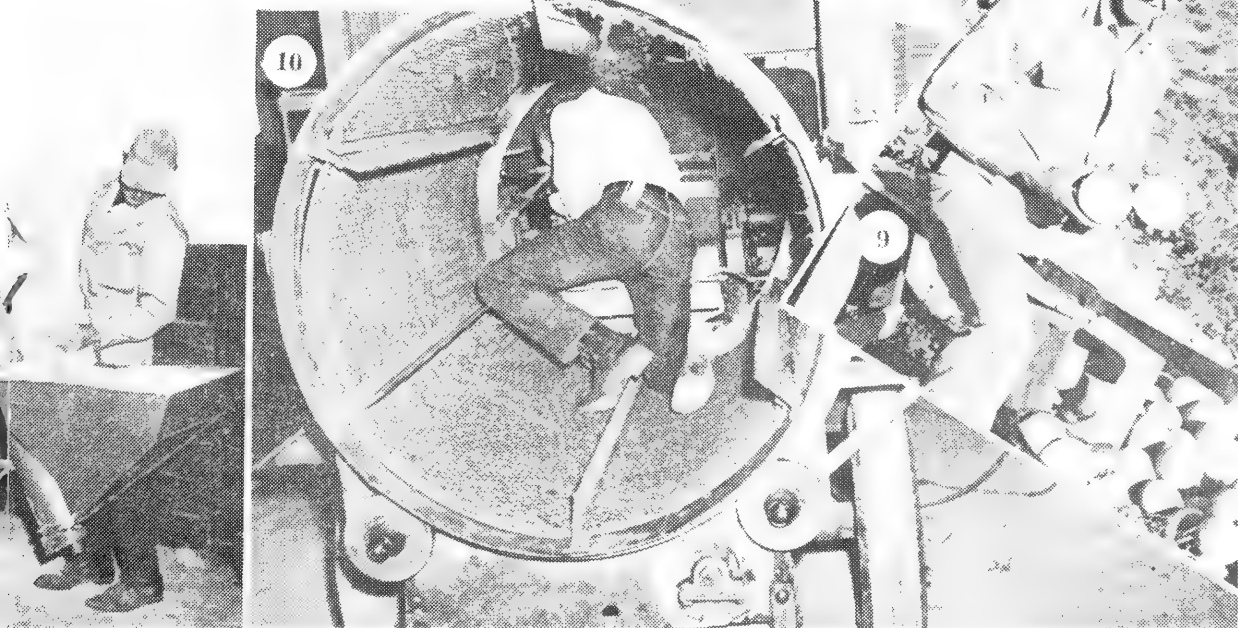
6. One of our harvesters in full swing. Wet seed in bag at left.

7. Seed washer removes pulp and sugar and prevents fermentation.

8. Plant breeding goes on constantly in all phases.

9. Cutting stock-seed fruits is a safeguard of varietal trueness.

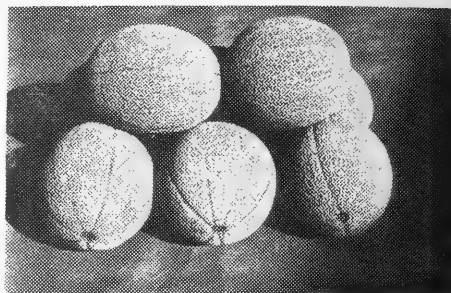
10. Making repairs on one of our vine-seed harvesters.





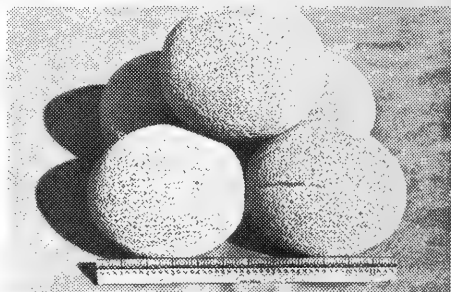
**IMPERIAL D-2:** A slightly larger strain of '45', it has not gained the acceptance, nor is it as refined. It does have good resistance to powdery mildew, however, and is a good shipping type.

Normal days to maturity..... 90  
Normal length/diameter..... 6¼ X 6¼ in.  
Normal weight in pounds..... 4½  
Resistance..... Powdery Mildew



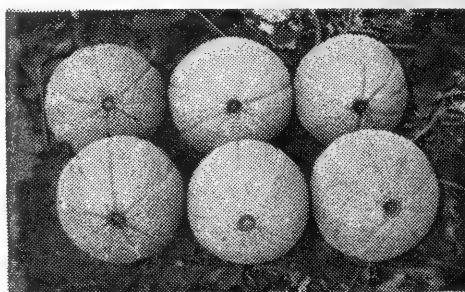
**IMPERIAL 4-50:** For trade desiring characteristics quite similar to 45, but for jump pack, No. 4-50 is ideal. Of nearly equal quality, its resistance is good, it ships well and is a heavy, long season producer.

Normal days to maturity..... 95  
Normal length/diameter..... 6½ X 6 in.  
Normal weight in pounds..... 4¼  
Resistance..... Powdery Mildew



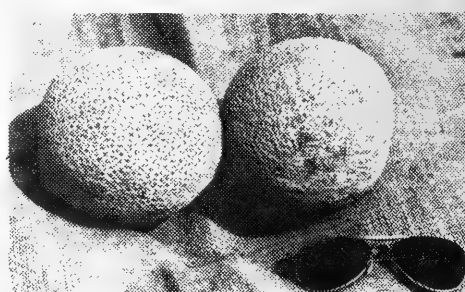
**IMPERIAL 6:** Similar to '45', but with more resistance to some types of powdery mildew, it is successful in areas where '45' will succumb. Prominent scar on blossom end. An excellent shipper of fine quality.

Normal days to maturity..... 87  
Normal length/diameter..... 6¼ X 5¼ in.  
Normal weight in pounds..... 4  
Resistance..... Powdery Mildew



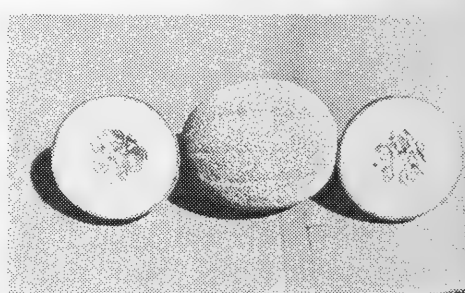
**IMPERIAL 45 (ROUW'S):** Selected from '45' for stronger resistance, this melon needs further work but shows promise, particularly for Texas winter production. Similar to 45 but at this date, not as refined a melon.

Normal days to maturity..... 86  
Normal length/diameter..... 6¼ X 5¼ in.  
Normal weight in pounds..... 4  
Resistance..... Powdery Mildew

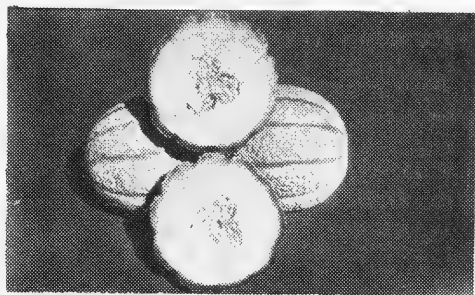


**IMPERIAL 45:** The standard long distance shipper. Picked at full slip, it will withstand shipping thousands of miles. Firm, bright orange flesh, small seed cavity. Sweet flavor. Fine solid net. Beautiful.

Normal days to maturity..... 87  
Normal length/diameter..... 6 X 5½ in.  
Normal weight in pounds..... 3½  
Resistance..... Powdery Mildew

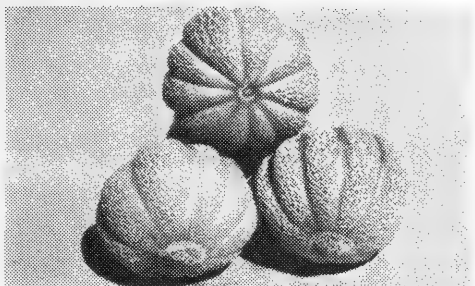






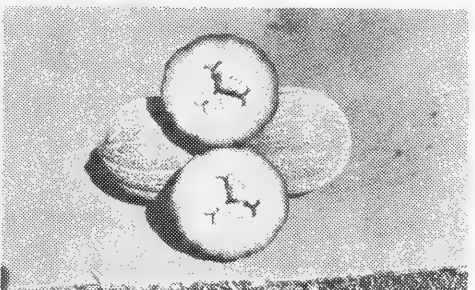
**IROQUOIS:** A trim home garden and local market melon, it gains popularity each year. Deep salmon-orange flesh is thick, fine textured and musky, sweet. Tough grey-green rind well ribbed and has coarse medium net.

Normal days to maturity..... 87  
Normal length/diameter..... 7 X 6 in.  
Normal weight in pounds..... 5  
Resistance..... Fusarium Wilt



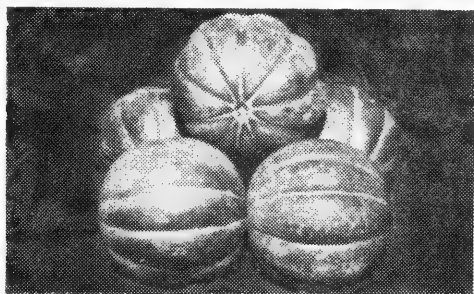
**JENNY LIND:** A productive, unusual-looking melon of fair quality for home gardens, the light green flesh is relatively thin, with large seed cavity. Rind dull orange mottled with green. Sparse net, sutures smooth.

Normal days to maturity..... 85  
Normal length/diameter..... 5½ X 4 in.  
Normal weight in pounds..... 1  
Resistance..... None



**KNIGHT or MARYLAND:** Famous for sweet, spicy flavor, a fine home garden and local market variety. Green flesh shades to pink near seed cavity. Ribbed, rather heavily netted rind yellow-golden at maturity.

Normal days to maturity..... 84  
Normal length/diameter..... 5½ X 4½ in.  
Normal weight in pounds..... 2  
Resistance..... None



**LAKE CHAMPLAIN (GOLDEN):** Quite early, a home garden strain for short season districts. Medium thick salmon flesh, sweet and juicy. Medium ribbed, light-green rind is covered with sparse, coarse grey net.

Normal days to maturity..... 81  
Normal length/diameter..... 5½ X 5½ in.  
Normal weight in pounds..... 3½  
Resistance..... None



### CULTIVATION

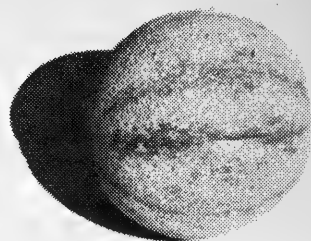
Shallow (2 to 3 inches) cultivation is recommended, to prevent damage to roots, and should be continued until plant growth prevents. Vine lifters on the cultivator will extend the period provided care is exercised not to damage the vines or reduce the protection offered to young fruits. Under normal conditions, don't prune. Fruits will almost always reach standard packing size, and pruning will reduce the number of fruits as well as vines.

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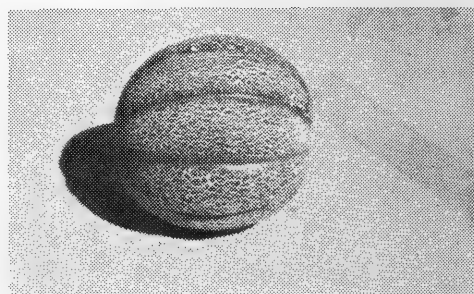
**MILWAUKEE MARKET:** A home garden and local market melon for shorter season areas. Has thick, solid salmon flesh of fine texture, wonderful flavor. A heavy producer. Well ribbed grey rind has sparse coarse net.

Normal days to maturity..... 86  
Normal length/diameter.....  $7\frac{1}{4}$  X  $6\frac{1}{4}$  in.  
Normal weight in pounds..... 6  
Resistance..... None



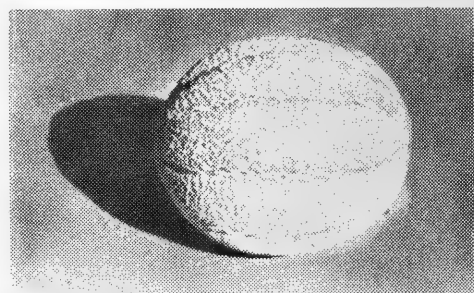
**MONTREAL MARKET:** Home Garden variety. Must be eaten soon after ripening. Thick, sparkling green flesh is of tasty quality. Late maturing, its deeply ribbed rind is heavily netted. Greenish-grey.

Normal days to maturity..... 92  
Normal length/diameter.....  $7\frac{1}{4}$  X  $8\frac{1}{2}$  in.  
Normal weight in pounds..... 7 to 8  
Resistance..... None



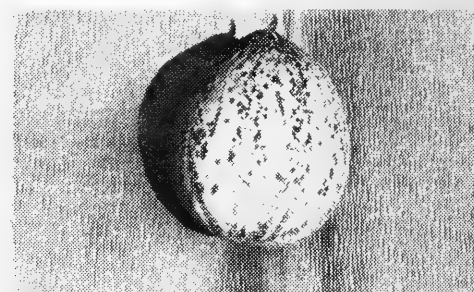
**NEW YORKER:** A fine medium-distance shipper that holds exceptionally well. Thick salmon flesh is sweet, spicy and musky. Hard rind, firm, deep ribs. Sparse, coarse net. Heavy blossom scar resists cracking.

Normal days to maturity..... 91  
Normal length/diameter.....  $5\frac{1}{2}$  X 5 in.  
Normal weight in pounds.....  $2\frac{1}{2}$   
Resistance..... None



**ORIENTAL OR JAP:** Very sparse net over entire melon. Light orange flesh sweet and of good texture. Tough rind becomes pale yellow at maturity. The dark splotches turn orange at complete maturity.

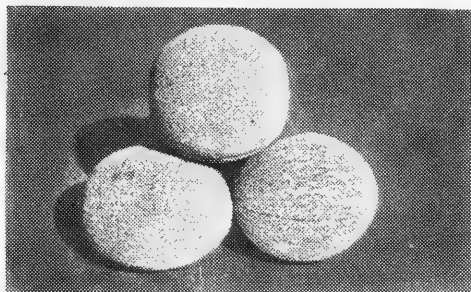
Normal days to maturity..... 90  
Normal length/diameter..... 8 X  $6\frac{1}{4}$  in.  
Normal weight in pounds..... 7  
Resistance..... None



**OSAGE EXTRA EARLY, MILLER'S:** A local market and home garden strain. Unusually thick and firm salmon-pink flesh; spicy, fair flavor. Patchy, semi-coarse net covers moderately ribbed rind. Orange-green at maturity.

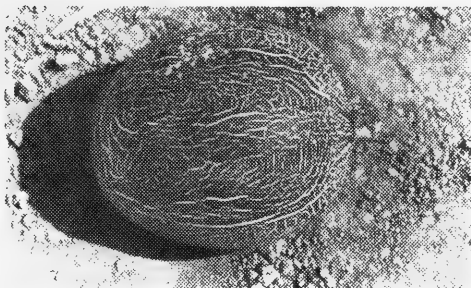
Normal days to maturity..... 88  
Normal length/diameter.....  $7\frac{1}{2}$  X 6 in.  
Normal weight in pounds.....  $5\frac{1}{2}$   
Resistance..... None





**PERFECTO, IMPROVED (SUPERFECTO):** Excellent short to medium distance shipper of very nice quality and flavor. Thick deep-orange flesh; fine grained. Solid rind entirely covered with medium fine grey netting.

Normal days to maturity..... 90  
Normal length/diameter..... 5½ X 5 in.  
Normal weight in pounds..... 2¼  
Resistance..... None



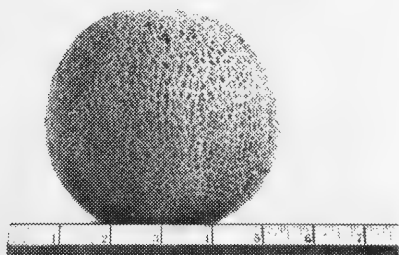
**PERSHAW, GOLDEN:** A new variety from the U. of California, suitable for moderate shipping. Good keeper. The thick, bright orange flesh is juicy and of fine flavor. Sparse netting; hard, smooth rind.

Normal days to maturity..... 110  
Normal length/diameter..... 8½ X 7½ in.  
Normal weight in pounds..... 7  
Resistance..... None



**PERSIAN MEDIUM:** Best under controlled irrigation, this excellent shipping melon is as nice tasting as can be imagined. Sparkling orange flesh; small seed cavity. The smooth rind is covered with fine netting.

Normal days to maturity..... 110  
Normal length/diameter..... 7½ X 7 in.  
Normal weight in pounds..... 7  
Resistance..... None



**POLLOCK 10-25:** Trim, quality, medium distance shipper. Small seed cavity; firm, bright orange, delicious flesh. Firm rind, no sutures. Completely covered with fine tan netting. A beautiful melon.

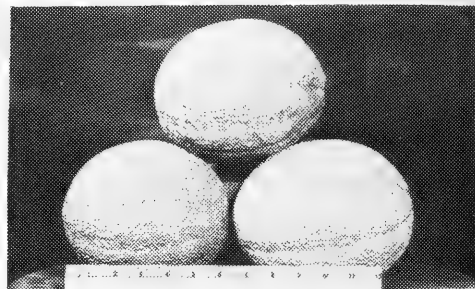
Normal days to maturity..... 95  
Normal length/diameter..... 5½ X 5 in.  
Normal weight in pounds..... 2½  
Resistance..... None



#### MATURITY

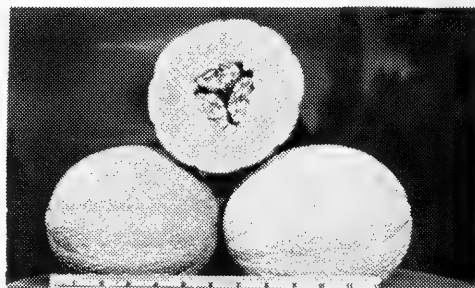
A near-perfect means of telling when most cantaloupe varieties are ripe is called the abscission crack, or full-slip stage. As melon approaches maturity a crack develops where the stem joins the fruit. This crack increases until at full maturity it goes completely around the stem. The fruit then contains its maximum sugar. The Honey Dews, Persians, Casabas, and Cranshaw are different. With these, maturity is shown in skin-color changes and softening of the blossom end. These melons should be cut to prevent damage to the stem end.

**PRIDE OF WISCONSIN:** A fine quality home garden and short distance shipper. Hard, grey-green rind, distinctly ribbed. Brilliant orange flesh is thick, firm and of fine flavor.



Normal days to maturity..... 90  
Normal length/diameter..... 6¼ X 5¼ in.  
Normal weight in pounds..... 3½  
Resistance..... None

**QUEEN OF COLORADO:** Very similar to, but a bit larger than, Pride of Wisconsin, this variety is of equal quality and fills the same requirement - a fine home garden and short distance shipping melon.



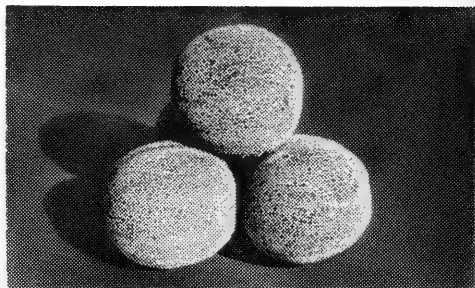
Normal days to maturity..... 92  
Normal length/diameter..... 6¾ X 6¼ in.  
Normal weight in pounds..... 3¾  
Resistance..... None

**RIO GOLD:** A new shipping type cantaloupe with extreme resistance. Greenish-yellow rind, shallow sutures, net generally well raised. Flesh is deep and a bright orange. Excellent flavor. Very productive.



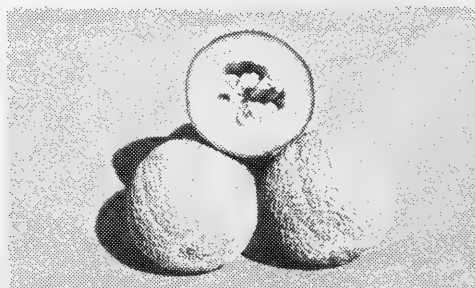
Data not complete on this variety at this time. It compares in size with Imperial 45, and is resistant to Downy and Powdery Mildew and Aphids.

**RIO SWEET:** A neat, firm shipping melon developed by Texas Agricultural College to combat mildew conditions in Texas, this orange fleshed, thick meated variety is most attractive. Moderately netted.



Normal days to maturity..... 84  
Normal length/diameter..... 6 X 5½ in.  
Normal weight in pounds..... 3½  
Resistance..... Downy Mildew/Aphid

**ROCK O' HONEY:** A home and local market melon very similar to Honey Rock, with a slightly heavier net and more noticeable 'button' at blossom end. Thick salmon flesh a bit better quality than Honey Rock.



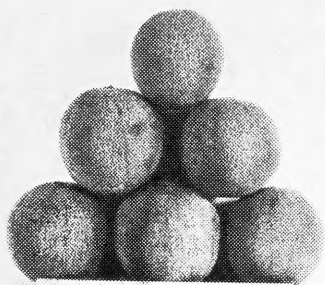
Normal days to maturity..... 86  
Normal length/diameter..... 6 X 5½ in.  
Normal weight in pounds..... 3¾  
Resistance..... None



**LAWRENCE ROBINSON & SONS**

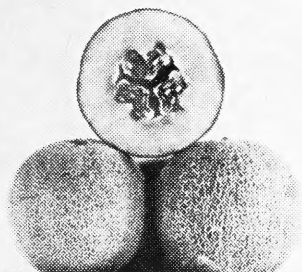
COLORADO AND CALIFORNIA GROWN CANTALOUPE SEEDS





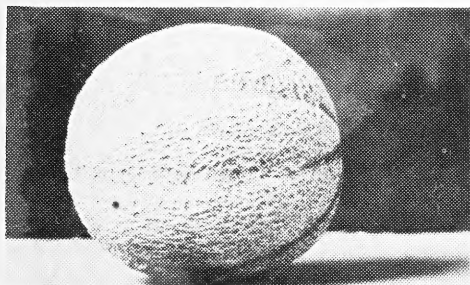
**ROCKY FORD, GOLD LINED:** Quite similar to Rocky Ford, Green fleshed, it fulfills the same market purposes. Flesh differs in the slight gold tinge to the seed cavity edge of the bright green flesh.

Normal days to maturity..... 92  
Normal length/diameter..... 5¼ X 5¼ in.  
Normal weight in pounds..... 2½  
Resistance..... None



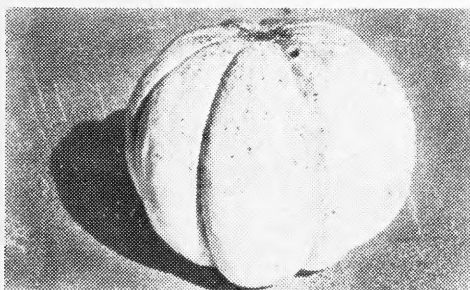
**ROCKY FORD, GREEN FLESH:** Hardy, medium distance shipper. Tasty flavor. Spicy green flesh is thick, nicely textured. Firm rind is only slightly ribbed; fine solid grey net covers entire melon. A trim fruit.

Normal days to maturity..... 91  
Normal length/diameter..... 5½ X 5 in.  
Normal weight in pounds..... 2½  
Resistance.....slightly, to rust



**SCHOON'S HARDSHELL:** Ideal middle-distance shipping melon. Very good keeper. Sparse, coarse yellow net; firm rind, deep ribs. The sweet salmon flesh is thick, spicy and musky. Resists cracking.

Normal days to maturity..... 91  
Normal length/diameter..... 5½ X 5 in.  
Normal weight in pounds..... 2½  
Resistance..... None



**SHUMWAY GIANT:** A home garden variety, and one of the largest. It is deeply ribbed, with a fine netting. Green skin turns a lemon-yellow at maturity. Bright orange flesh. Quite sweet.

Normal days to maturity..... 94  
Normal length/diameter..... 8 X 9 in.  
Normal weight in pounds..... 9  
Resistance..... None



#### PACKING

As the fruits enter the packing shed on the conveyor, sorters discard the culls. Then other sorters grade the fruits into maturity and size classes. The packer selects the correct size crate, picks out fruit equal in size and fits them in snugly. The lidding machine attaches the tops. Crates are then labeled, inspected and loaded in trucks or refrigerator cars, after which they are top-iced. They may or may not have been washed or waxed.

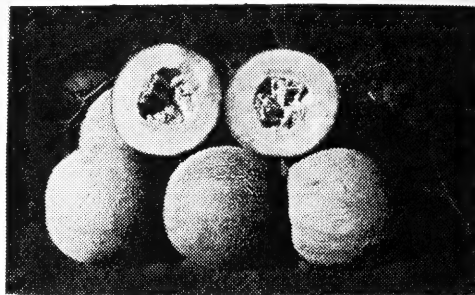
**LAWRENCE ROBINSON & SONS**

COLORADO AND CALIFORNIA GROWN CANTALOUPE SEEDS



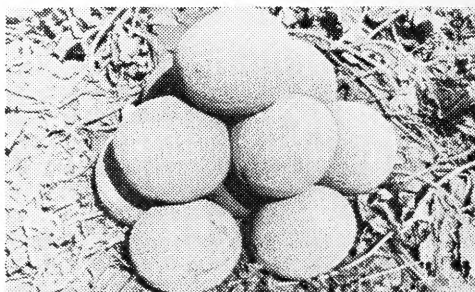
**SMITH'S PERFECT:** A long distance shipper very resistant to downy mildew. Does not crack in rainy weather. Nearly round, with thick rind, medium sparse net. Medium thick flesh, deep orange, excellent flavor.

Normal days to maturity..... 92  
Normal length/diameter..... 6 X 5½ in.  
Normal weight in pounds..... 3  
Resistance..... Downy Mildew



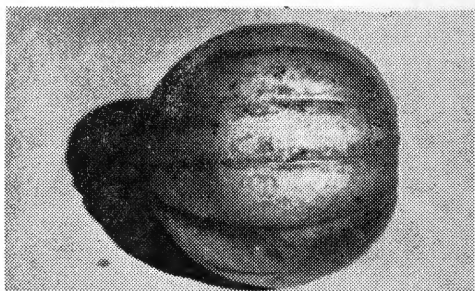
**TEXAS NO. 1:** A small, firm shipping cantaloupe developed especially for Texas conditions. Moderately thick, firm, sweet orange flesh keeps well. Nearly round rind is ribless and moderately well netted.

Normal days to maturity.....87  
Normal length/diameter..... 5¼ X 5¼ in.  
Normal weight in pounds..... 2¼  
Resistance partially to Downy Mildew/Aphids



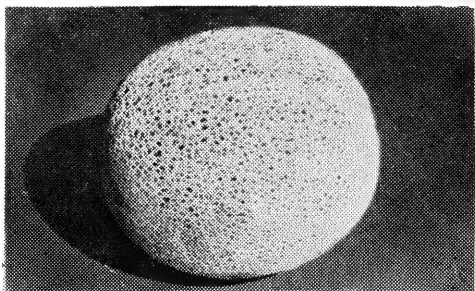
**TIP TOP:** A home and local market variety famous for its fine eating qualities. Has juicy, sweet salmon flesh of good texture. Thinly netted over medium ribs. Slate green rind becomes yellowish when ripe.

Normal days to maturity..... 92  
Normal length/diameter..... 7¼ X 6½ in.  
Normal weight in pounds..... 6  
Resistance..... None



**SR 91:** A long distance shipper with fair resistance to applications of sulphur for mildew. An Imperial type, it is inferior to '45', but can be grown successfully in areas where others cannot.

Normal days to maturity..... 87  
Normal length/diameter..... 6 X 5½ in.  
Normal weight in pounds..... 3½  
Resistance..... Sulphur



The value of dependable seed in cantaloupe production cannot be over-estimated. The loss of all or part of a crop due to poor germination, poor strain or seed-borne disease is too great to justify a careless seed purchase.

Much skill, expense and experience go into the production of top-quality, healthy seed. And no matter what you pay for it, your seed cost is your least cost.





*A*merica's  
*first name*  
*in* **VINE SEEDS**